

ABSTRACT OF THE DISCLOSURE

A method for producing a silicon nitride filter,
which comprises heat-treating in nitrogen a green body
comprising from 35 to 90 mass% of silicon nitride
5 particles having an average particle diameter of from 1
to 30 μ m, from 5 to 60 mass% of a pore-forming agent and
from 0.1 to 5 mass% of metal oxide particles, provided
that the total amount of the silicon nitride particles,
the pore-forming agent and the metal oxide particles is
10 at least 90 mass%, to form a porous product made
substantially of silicon nitride

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